

ABSTRACT

A method for providing a urinary tract tissue graft composition includes providing a segment of small intestinal submucosa and positioning the segment of small intestinal submucosa in a tissue culture frame such that the segment of small intestinal submucosa is suspended and held in a taut position by the tissue culture frame. At least one multipotent cell type is isolated from a tissue specimen of a subject and cultured, and then seeded upon a surface of the segment of small intestinal submucosa, thereby forming a urinary tract tissue graft. Methods for repairing a damaged urinary tract tissue of a subject are also disclosed.